

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN02/00914

A. CLASSIFICATION OF SUBJECT MATTER

IPC: H04B 7/26 H04Q 7/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: H04B 7/26 H04Q 7/32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPDOC, PAJ, CNPAT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,210,785 A (CANON KK., JP) 11 May 1993 (11.05.93) See Col. 1, line 57 to Col. 11, line 43 and Fig. 1-10	1-3, 6, 8-13, 15, 16, 18-20, 22-26 4, 5, 14, 17
A		
Y	WO 94/00946 A1 (MOTOROLA INC.) 6 Jan. 1994 (06.01.94) See the whole document	1-3, 6-13, 15, 16, 20-26, 28, 29 4, 5, 14, 17
A		
Y	JP 58-151136 A (NIPPON ELECTRIC CO) 8 Sep. 1983 (08.09.83) See the whole document	1-3, 6-13, 15, 16, 18-26, 28, 29 4, 5, 14, 17
A		
Y	US 5,127,042 A (MOTOROLA INC.) 30 Jun. 1992 (30.06.92) See the whole document	1-3, 6, 8, 15, 16, 20, 22-26, 28, 29

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search
21. Feb 2003 (21. 02. 2003)

Date of mailing of the international search report

20 MAR 2003 (20.03.03)

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INTERNATIONAL SEARCH REPORT

Information patent family members

Search request No.

PCT/CN02/00914

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5 210 785 A	11.05.1993	JP 1 220 922 A	04.09.1989
		JP 1 288 026 A	20.11.1989
		US 5 517 553 A	14.05.1996
		US 5 724 647 A	03.03.1998
WO 9 400 946 A1	06.01.1994	MX 9 303 781 A	01.12.1993
		FR 2 693 067 AB	31.12.1993
		CA 2 115 657 AC	06.01.1994
		CN 1 085 707 A	20.04.1994
		US 5 442 680 A	15.08.1995
		IT 1 262 367 B	19.06.1996
JP 58 151 136 A	08.09.1983	None	
US 5 127 042 A	30.06.1992	GB 2 225 512 AB	30.05.1990
		JP 3 001 621 A	08.01.1991
		US 4 989 230 A	29.01.1991
		CA 1 292 041 A	12.11.1991
		US 5 367 558 A	22.11.1994
		US 5 463 674 A	31.10.1995
		HK 42 596 A	22.03.1996
		JP 8 237 747 A	13.09.1996
		JP 2 000 209 664 A	28.07.2000
		US 6 141 560 A	31.10.2000

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